CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: The One RQ- 2024-08-12-53 Project: SMP: Later Gator

Notes: (1) Always wait for meter to stabilize before recording any readings.
(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400 Date of Last Temperature Verification 06/13/24

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	08/12/24	0827	22.9	761.9	8.6	8.61	100.3	—	1.050	(P) / F	(L) F
ICV	"	"	0828	23.0	761.9	8.6	8.60	100.3	—	—	(P) / F	(L) F
CCV	M. Malorey	8.12.24	1331	25.3	762	8.2	8.39	102.2	—	—	(P) / F	(L) F
CCV											P / F	L / F

DO Acceptance criteria from Table ± 0.3 mg/L. **Rapid-Pulse Sensors:** DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.
Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. **Steady-state & Galvanic Sensors:** DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	08/12/24	0830	2309K25	09/25	10,000	10,000	(P) F	(L) F
ICV	"	"	0832	2311L37	11/25	50,000	49,666	(P) F	(L) F
CCV	M. Malorey	8.12.24	1335	2306J21	06/25	100	103.0	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Nicole Reistad	08/12/24	0835	2305H95	04/25	7.01	22.4	7.01	-58.2	(P) F	(L) F
Calibr.	"	"	0836	1311E29	10/25	4.01	22.4	4.00	121.1	(P) F	(L) F
Calibr.	"	"	0837	1309L49	03/25	10.04	22.4	10.03	-227.7	(P) F	(L) F
ICV	"	"	0838	1311E29	10/25	4.01	22.4	3.99	—	(P) F	(L) F
CCV	M. Malorey	8.12.24	1340	1309L49	03/25	10.0	22.1	10.01	-	(P) F	(L) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50; mV pH 4 Range +180 ± 50; mV pH 10 Range -180 ± 50;
If mV are recorded: slope from 7 to 10 169.5, slope from 4 to 7 179.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / (NO) / NA (not surf. water project)
If **YES**, complete daily Calibr. & ICV below and list date of last quarterly depth verification: —
If **NO**, what will be used? (circle one) **Secchi Disk Line** / Sonar Unique ID: Slippery Disk Date of last verification: 06/13/24

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS: